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23494 7590 5/31/2007

**TEXAS INSTRUMENTS INCORPORATED**  
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|                 |             |                      |                     |                  |
|-----------------|-------------|----------------------|---------------------|------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/644,546      | 8/20/2003   | David J. Love        | TI-35081            | 6595             |

**TITLE OF INVENTION:** Low Complexity High Performance Decoder And Method Of Decoding For Communications Systems Using Multidimensional Signaling

|                |              |           |                 |                      |                  |           |
|----------------|--------------|-----------|-----------------|----------------------|------------------|-----------|
| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE  |
| nonprovisional | NO           | \$1,400   | \$300           | 0                    | \$1,700          | 8/31/2007 |

|             |          |                |
|-------------|----------|----------------|
| EXAMINER    | ART UNIT | CLASS-SUBCLASS |
| J. Corriels | 2611     | 375-341000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list

1. Steven A. Shaw2. W. James Brady3. Frederick J. Telecky, Jr.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

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(A) NAME OF ASSIGNEE

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DALLAS, TX 75265**TEXAS INSTRUMENTS INCORPORATED**Please check the appropriate assignee category or categories (will not be printed on the patent)  individual  corporation or other private group entity  government

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature /Steven A. Shaw/Date 2007-06-11Typed or printed name Steven A. ShawRegistration No. 39,368

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

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